



SPW

Patent Docket P1216R1C1D4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Ashkenazi et al. Serial No.: 10/785,220 Filed: February 24, 2004 For: Compounds, Compositions and Methods For The Treatment of Diseases Characterized By A-33 Related Antigens	Group Art Unit: 1644 Examiner: Unknown Customer No.: 09157 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Arlington, VA 22313-1450 on June 2, 2004 <hr/> Patty Tobin Patty Tobin
--	--

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

Applicants submit herewith patents, publications or other information (listed on the attached revised Form PTO-1449) of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

This Information Disclosure Statement is filed in accordance with the provisions of:

37 CFR §1.97(b)

- within three months of the filing date of the application other than a continued prosecution application under 37 CFR §1.53(d); **or**
- within three months of the date of entry of the national stage of a PCT application as set forth in 37 CFR§1.491, **or**
- before the mailing of the first Office action on the merits; **or**
- before the mailing of the first Office action after the filing of a request for a continued examination under 37 CFR §1.114.

37 CFR §1.97(c)

- by the applicant after the period specified in 37 CFR §1.97(b), but prior to the mailing date of any of a final action under 37 CFR §1.113, or a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application, and is accompanied by either the fee set forth in 37 CFR §1.17(p) **or** a statement as specified in 37 CFR §1.97(e), as checked below.

37 CFR §1.97(d)

- after the period specified in CFR §1.97(c), and is accompanied by the fee set forth in 37 CFR §1.17(p) **and** a statement as specified in 37 CFR §1.97(e), as checked below.

(If either of boxes 37 CFR §1.97(c) or 37 CFR §1.97(d) is checked above, the following statement under 37 CFR §1.97(e) may need to be completed.)

- 37 CFR §1.97(e)** Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- 37 CFR §1.704(d)** Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and the communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of this information disclosure statement. Therefore, in accordance with the provisions of 37 CFR §1.704(d), the filing of this information disclosure statement will not be considered a failure to engage in reasonable efforts to conclude prosecution under 37 CFR §1.704.
- The U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account No. 07-0630 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement under 37 CFR §1.17(p). Any deficiency or overpayment should be charged or credited to this deposit account.

A list of the patent(s) or publication(s) is set forth on the attached revised Form PTO-1449 (Modified). Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached PTO-1449 form are not supplied because they were previously cited by or submitted to the Office in a prior application Serial No. 09/953,499, filed September 14, 2001 and relied upon in this application for an earlier filing date under 35 USC §120.

BLAST results enclosed:

The undersigned also wishes to bring to the attention of the Examiner BLAST results of computerized alignments of the against sequences contained in the nucleotide and protein databases. The BLAST results are provided in paper form and are identified as reference "Exhibit A BLAST Results A-1- A-24" (nucleotide) and "Exhibit B BLAST Results B-1 - B-33" (protein) on the PTO Form 1449. Applicant requests that these references also be considered and that the Form 1449 be initialed to indicate the Examiner's consideration of

the references.

A concise explanation of relevance of the items listed on PTO-1449 is:

- not given
- given for each listed item
- given for only non-English language listed item(s) (Required)
- in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

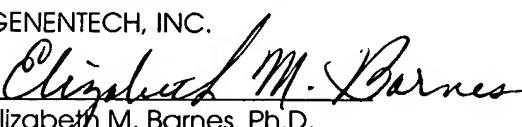
In accordance with 37 CFR §1.97(g), the filing of this information disclosure statement shall not be construed as a representation that a search has been made.

In accordance with 37 CFR §1.97(h), the filing of this information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

In the event that the Office determines a fee to be due where none is specifically authorized in this paper, the U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account No. 07-0630 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement under 37 CFR §1.17(p).

Respectfully submitted,

GENENTECH, INC.

By: 
Elizabeth M. Barnes, Ph.D.
Reg. No. 35,059
Telephone No. (650) 225-4563

Date: June 2, 2004



FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark OfficeAtty Docket No.
P1216R1C1D4Serial No.
10/785,220Applicant
Ashkenazi et al.Filing Date
24 Feb 2004 Group

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date
* 1	4,579,827	01.04.86	Sakamoto et al.			
* 2	5,650,295	22.07.97	Li et al.			
* 3	6,022,708	08.02.00	de Sauvage et al.			26.02.98

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation Yes	No
* 4	199,141	29.10.86	EPO				
* 5	317,050	24.05.89	EPO				
* 6	WO 90/05537	31.05.90	PCT				
* 7	WO 96/34943	07.11.96	PCT				
* 8	WO 98/24897	11.06.98	PCT				
* 9	WO 98/40483	17.09.98	PCT				
* 10	WO 98/42739	01.10.98	PCT				
* 11	WO 99/02561	21.01.99	PCT				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

* 12	Alderson et al., "Molecular and Biological Characterization of Human 4-1BB and Its Ligand." <u>European Journal of Immunology</u> . 24(9):2219-2227 (Sep 1994)
* 13	Altschul and Gish, "Local Alignment Statistics" <u>Methods in Enzymology</u> 266:460-480 (1996)
* 14	Auffray et al., "H. sapiens partial cDNA sequence; clone c-Oxd10. partial cDNA sequence; transcribed sequence fragment" (DATABASE EMBL - EMEST16 Accession No. F02373) (Jan 28, 1995)
* 15	BLAST Results A-1 - A-3 (Dayhoff)
* 16	BLAST Results B-1 - B-2 (Dayhoff)
* 17	BLAST Results C-1 - C-5 (Dayhoff)
* 18	Chambers and Allison., "Co-Stimulation in T Cell Responses." <u>Current Opinion in Immunology</u> . 9(3):396-404 (Jun 1997)
* 19	De Smet et al., "The Activation of Human Gene MAGE-1 in Tumor Cells is Correlated with Genome-Wide Demethylation." <u>Proc. Natl. Acad. Sci. USA</u> 93(14):7149-7153 (Jul 9, 1996)
* 20	Finn and Lotze., "Introduction: Third Keystone Symposium on Cellular Immunotherapy and the Immunotherapy of Cancer." <u>Journal of Immunotherapy</u> . 21(2):114-118 (Mar 1998)
* 21	GBTRANS Database, Accession No. AF172398 (blast results) (Direct Submission Feb 26, 2001)
* 22	GBTRANS Database, Accession No. AF191495 (blast results) (Direct Submission Oct 1, 1999)

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785,220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
* 23	GBTRANS Database, Accession No. AJ132502, "HSA132502_1 Z39Ig protein - Homo sapiens" (blast results) (Direct Submission Jan 25, 1999)			
* 24	GBTRANS Database, Accession No. AL034397, "HS159A1_1 dA159A1.1 (novel protein) - Homo sapiens" (blast results) (Direct Submission Dec 4, 1998)			
* 25	GBTRANS Database, Accession No. AL136649, "HSM801619_1 hypothetical protein" (blast results) (Direct Submission Jan 18, 2000)			
* 26	GBTRANS Database, Accession No. AY016009 (blast results) (Direct Submission Dec 4, 2000)			
* 27	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAD43794</u> (Schnell,F.J. et al.), 25-MAY-1999			
* 28	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAF22829</u> (Sobocka,M.B. et al.), 19-NOV-1999			
* 29	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAF81223</u> (Palmeri,D et al.), 14-APR-2000			
* 30	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAG28379</u> (Gupta,S.K. et al.), 01-OCT-1999			
* 31	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAG49022</u> (Cunningham,S.A. et al.), 04-DEC-2000			
* 32	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAH01533</u> (Strausberg,R. et al.), 21-DEC-2000			
* 33	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAH10525</u> (Strausberg,R et al.), 10-JUL-2001			
* 34	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAH17779</u> (Strausberg,R et al.), 03-DEC-2001			
* 35	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAL82538</u> (Slavov,D et al.), 30-JAN-2002			
* 36	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. AAO84556</u> (Wenzel,K et al.), 06-MAR-2002			
* 37	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. BAC11436</u> (Isogai,T et al.), 25-MAR-2002			
* 38	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. CAB51536</u> (Langnaese,K et al.), 25-JAN-1999			
* 39	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. CAB66584</u> (Blum,H. et al.), 10-JUL-2002			
* 40	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. CAE06261</u> (Bejanin,S. et al.), 05-JUN-2003			
* 41	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. P AAY23321</u> (Ashkenazi A et al.), Pub Date 03-JUN-1999			
* 42	GBTRANS Database, Search Date Aug 25, 2003 <u>Accession No. P AAY23322</u> (Ashkenazi A et al.), Pub Date 03-JUN-1999			
Examiner		Date Considered		
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785,220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
* 43	GBTRANS Database, Search Date Aug 25, 2003 Accession No. P AAY23326 (Ashkenazi A et al.), Pub Date 03-JUN-1999			
* 44	GBTRANS Database, Search Date Aug 25, 2003 Accession No. P AAY23328 (Ashkenazi A et al.), Pub Date 03-JUN-1999			
* 45	GBTRANS Database, Search Date Aug 25, 2003 Accession No. AAD48877 (Naik,U.P. et al.), 26-FEB-2001			
* 46	GBTRANS Database, Search Date Aug 25, 2003 Accession No. AAD42050 (Ozaki,H et al.), 06-DEC-1998			
* 47	GENESEQ Database, Search Date Sep 8, 2003 Accession No. JAM1 HUMAN (Ozaki H. et al.), Jan 11, 2003			
* 48	GENESEQ Database, Search Date Sep 8, 2003 Accession No. JAM2 HUMAN (Palmeri D. et al.), 2000			
* 49	GENESEQ Database, Search Date Sep 8, 2003 Accession No. NP 009199 (Langnaese,K et al.), 2000			
* 50	GENESEQ Database, Search Date Sep 8, 2003 Accession No. NP 058642 (Kornecki,E. et al.), 1990			
* 51	GENESEQ Database, Search Date Sep 8, 2003 Accession No. NP 067042 (Palmeri,D et al.), 2000			
* 52	GENESEQ Database, Search Date Sep 8, 2003 Accession No. NP 653084 (Kornecki,E. et al.), 1990			
* 53	GENESEQ Database, Search Date Sep 8, 2003 Accession No. NP 653085 (Kornecki,E. et al.), 1990			
* 54	GENESEQ Database, Search Date Sep 8, 2003 Accession No. NP 653086 (Kornecki,E. et al.), 1990			
* 55	GENESEQ Database, Search Date Sep 8, 2003 Accession No. NP 653087 (Kornecki,E. et al.), 1990			
* 56	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB19396 (Garcia PD et al.), Pub Date 19-OCT-2000			
* 57	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB24047 (Baker KP et al.), Pub Date 14-SEP-2000			
* 58	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB24401 (Ashkenazi AJ et al.), Pub Date 08-JUN-2000			
* 59	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB24405 (Ashkenazi AJ et al.), Pub Date 08-JUN-2000			
* 60	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB31202 (Ashkenazi AJ et al.), Pub Date 21-DEC-2000			
* 61	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB33421 (Ashkenazi AJ et al.), Pub Date 14-SEP-2000			
* 62	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB44247 (Ashkenazi AJ et al.), Pub Date 14-SEP-2000			
Examiner		Date Considered		
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785,220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
* 63	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB50904 (Ashkenazi AJ et al.), Pub Date 07-DEC-2000			
* 64	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB53081 (Ashkenazi AJ et al.), Pub Date 14-SEP-2000			
* 65	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB53086 (Ashkenazi AJ et al.), Pub Date 14-SEP-2000			
* 66	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB55950 (Watson JD et al.), Pub Date 23-NOV-2000			
* 67	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB56015 (Watson JD et al.), Pub Date 23-NOV-2000			
* 68	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB80222 (Ashkenazi AJ et al.), Pub Date: 18-JAN-2001			
* 69	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAB80232 (Ashkenazi AJ et al.), Pub Date 18-JAN-2001			
* 70	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE03840 (Ruben SM et al.), Pub Date 25-MAY-2001			
* 71	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE03870 (Ruben SM et al.), Pub Date 25-MAY-2001			
* 72	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE03896 (Ruben SM et al.), Pub Date 25-MAY-2001			
* 73	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE04208 (Ruben SM et al.), Pub Date 25-MAY-2001			
* 74	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE04230 (Ruben SM et al.), Pub Date 25-MAY-2001			
* 75	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE04290 (Ruben SM et al.), Pub Date 25-MAY-2001			
* 76	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE26983 (Ruben SM et al.), Pub Date 20-JUN-2002			
* 77	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAE27121 (Ruben SM et al.), Pub Date 20-JUN-2002			
* 78	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAM23693 (Tang YT et al.), Pub Date 02-AUG-2001			
* 79	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAM93577 (Ota T et al.), Pub Date 05-SEP-2001			
* 80	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAM93874 (Ota T et al.), Pub Date 05-SEP-2001			
* 81	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAO16451 (Heuer JG et al.), Pub Date 30-JAN-2003			
* 82	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAO16452 (Heuer JG et al.), Pub Date 30-JAN-2003			
Examiner		Date Considered		
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785, 220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
* 83	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU00512 (Cunningham S et al.), Pub Date 01-MAR-2001			
* 84	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU00821 (Fong S et al.), Pub Date 22-MAR-2001			
* 85	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU00823 (Fong S et al.), Pub Date 22-MAR-2001			
* 86	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU12339 (Baker KP et al.), Pub Date 07-JUN-2001			
* 87	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU12354 (Baker KP et al.), Pub Date 07-JUN-2001			
* 88	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU14168 (Tang YT et al.), Pub Date 02-AUG-2001			
* 89	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU14169 (Tang YT et al.), Pub Date 02-AUG-2001			
* 90	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU14404 (Tang YT et al.), Pub Date 02-AUG-2001			
* 91	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU14405 (Tang YT et al.), Pub Date 02-AUG-2001			
* 92	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAU17996 (Rosen CA et al.), Pub Date 02-AUG-2001			
* 93	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAW61379 (Dejana E et al.), Pub Date 11-JUN-1998			
* 94	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAW74464 (Gupta SK et al.), Pub Date 21-JAN-1999			
* 95	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAW75220 (Ferrie AM et al.), Pub Date 17-SEP-1998			
* 96	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAW85457 (Agostino MJ et al.), Pub Date 01-OCT-1998			
* 97	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAY08060 (Fong S et al.), Pub Date: 25-MAR-1999			
* 98	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAY08071 (Fong S et al.), Pub Date 25-MAR-1999			
* 99	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAY08072 (Fong S et al.), Pub Date 25-MAR-1999			
*100	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAY08074 (Fong S et al.), Pub Date 25-MAR-1999			
*101	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAY13354 (Chen J et al.), Pub Date 25-MAR-1999			
*102	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P AAY13364 (Chen J et al.), Pub Date 25-MAR-1999			
Examiner		Date Considered		
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785, 220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
*103	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY23324</u> (Ashkenazi A et al.), Pub Date: 03-JUN-1999			
*104	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY41691</u> (Wood WI et al.), Pub Date 16-SEP-1999			
*105	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY70668</u> (Fong S et al.), Pub Date 23-MAR-2000			
*106	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY70670</u> (Fong S et al.), Pub Date 23-MAR-2000			
*107	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY76011</u> (Strachan L et al.), Pub Date 04-NOV-1999			
*108	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY76076</u> (Strachan L et al.), Pub Date 04-NOV-1999			
*109	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY95344</u> (Ashkenazi AJ et al.), Pub Date 29-JUN-2000			
*110	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P AAY95346</u> (Ashkenazi AJ et al.), Pub Date 29-JUN-2000			
*111	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABB10232</u> (Rosen CA et al.), Pub Date 02-AUG-2001			
*112	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABB72150</u> (Watson JD et al.), Pub Date 29-NOV-2001			
*113	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABB72215</u> (Watson JD et al.), Pub Date 29-NOV-2001			
*114	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABB84843</u> (Baker KP et al.), Pub Date 03-JAN-2002			
*115	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABB90290</u> (Birse CE et al.), Pub Date 29-NOV-2001			
*116	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABB95449</u> (Baker KP et al.), Pub Date 31-JAN-2002			
*117	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABG22341</u> (Drmanac RT et al.), Pub Date 11-OCT-2001			
*118	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABG64487</u> (Rosen CA et al.), Pub Date 18-OCT-2001			
*119	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABG64488</u> (Rosen CA et al.), Pub Date 18-OCT-2001			
*120	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABG64551</u> (Rosen CA et al.), Pub Date 18-OCT-2001			
*121	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABG64552</u> (Rosen CA et al.), Pub Date 18-OCT-2001			
*122	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABO01784</u> (Ashkenazi A et al.), Pub Date 26-DEC-2002			
Examiner		Date Considered		
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. <u>P1216R1C1D4</u>	Serial No. <u>10/785,220</u>
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant <u>Ashkenazi et al.</u>		
		Filing Date <u>24 Feb 2004</u>	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
*123	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABO01794</u> (Ashkenazi A et al.), Pub Date <u>26-DEC-2002</u>			
*124	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABO14814</u> (Ashkenazi A et al.), Pub Date <u>06-FEB-2003</u>			
*125	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABO14824</u> (Ashkenazi A et al.), Pub Date <u>06-FEB-2003</u>			
*126	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABP61801</u> (Jacobs K et al.), Pub Date <u>30-MAY-2002</u>			
*127	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABP66819</u> (Rosen CA et al.), Pub Date <u>11-JUL-2002</u>			
*128	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABR00157</u> (Rosen CA et al.), Pub Date <u>03-OCT-2002</u>			
*129	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABR00172</u> (Rosen CA et al.), Pub Date <u>03-OCT-2002</u>			
*130	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABR47904</u> (Rosen CA et al.), Pub Date <u>28-NOV-2002</u>			
*131	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABR47926</u> (Rosen CA et al.), Pub Date <u>28-NOV-2002</u>			
*132	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABR58532</u> (Afar D et al.), Pub Date <u>27-MAR-2003</u>			
*133	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU03567</u> (Murray R et al.), Pub Date <u>10-OCT-2002</u>			
*134	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU07736</u> (Ashkenazi A et al.), Pub Date <u>05-DEC-2002</u>			
*135	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU07737</u> (Ashkenazi A et al.), Pub Date <u>05-DEC-2002</u>			
*136	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU07738</u> (Ashkenazi A et al.), Pub Date <u>05-DEC-2002</u>			
*137	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU54357</u> (Ashkenazi A et al.), Pub Date: <u>19-SEP-2002</u>			
*138	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU54367</u> (Ashkenazi A et al.), Pub Date <u>19-SEP-2002</u>			
*139	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU59818</u> (Baker KP et al.), Pub Date <u>23-JAN-2003</u>			
*140	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU59833</u> (Baker KP et al.), Pub Date <u>23-JAN-2003</u>			
*141	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU61077</u> (Ashkenazi A et al.), Pub Date <u>14-NOV-2002</u>			
*142	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU64519</u> (Ashkenazi A et al.), Pub Date <u>31-OCT-2002</u>			
Examiner		Date Considered		
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785,220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)			Applicant Ashkenazi et al.	
			Filing Date 24 Feb 2004	Group
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
*143	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU64994</u> (Ruben SM et al.), Pub Date 21-NOV-2002			
*144	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU66737</u> (Baker KP et al.), Pub Date 20-FEB-2003			
*145	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU66752</u> (Baker KP et al.), Pub Date 20-FEB-2003			
*146	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU67013</u> (Baker KP et al.), Pub Date 13-FEB-2003			
*147	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU67028</u> (Baker KP et al.), Pub Date 13-FEB-2003			
*148	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU67160</u> (Ashkenazi AJ et al.), Pub Date 13-FEB-2003			
*149	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU67291</u> (Ashkenazi AJ et al.), Pub Date 13-FEB-2003			
*150	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU67365</u> (Ashkenazi A et al.), Pub Date: 30-JAN-2003			
*151	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU69632</u> (Ashkenazi A et al.), Pub Date 23-JAN-2003			
*152	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU69642</u> (Ashkenazi A et al.), Pub Date 23-JAN-2003			
*153	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU71455</u> (Ashkenazi A et al.), Pub Date 19-DEC-2002			
*154	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU71465</u> (Ashkenazi A et al.), Pub Date 19-DEC-2002			
*155	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU71600</u> (Ashkenazi A et al.), Pub Date 10-OCT-2002			
*156	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU71610</u> (Ashkenazi A et al.), Pub Date 10-OCT-2002			
*157	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU71901</u> (Ashkenazi A et al.), Pub Date 02-JAN-2003			
*158	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU71911</u> (Ashkenazi A et al.), Pub Date 02-JAN-2003			
*159	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU72059</u> (Ashkenazi AJ et al.), Pub Date 28-NOV-2002			
*160	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU72199</u> (Ashkenazi AJ et al.), Pub Date 19-DEC-2002			
*161	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU79802</u> (Ashkenazi AJ et al.), Pub Date 13-FEB-2003			
*162	GENESEQ Database, Search Date Sep 8, 2003 <u>Accession No. P ABU80346</u> (Ashkenazi AJ et al.), Pub Date 02-JAN-2003			
Examiner		Date Considered		
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785,220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
*163	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P_ABU81037 (Baker KP et al.), Pub Date 02-JAN-2003			
*164	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P_ABU81052 (Baker KP et al.), Pub Date 02-JAN-2003			
*165	GENESEQ Database, Search Date Sep 8, 2003 Accession No. P_ABU67355 (Ashkenazi A et al.), Pub Date 30-JAN-2003			
*166	GENESEQ Database, Search Date Sep 8, 2003, Accession No. P_ABU64509 (Ashkenazi A et al.), Pub Date 31-OCT-2002			
*167	GENESEQ Patent Database, Accession No. P_B19396 (blast results) (Oct 19, 2000)			
*168	GENESEQ Patent Database, Accession No. P_B24047 (blast results) (Sep 14, 2000)			
*169	GENESEQ Patent Database, Accession No. P_B24401 (blast results) (June 8, 2000)			
*170	GENESEQ Patent Database, Accession No. P_B24405 (blast results) (June 8, 2000)			
*171	GENESEQ Patent Database, Accession No. P_B33421 (blast results) (Sep 14, 2000)			
*172	GENESEQ Patent Database, Accession No. P_B33429 (blast results) (Sep 14, 2000)			
*173	GENESEQ Patent Database, Accession No. P_B44247 (blast results) (Sep 14, 2000)			
*174	GENESEQ Patent Database, Accession No. P_B53081 (blast results) (Sep 14, 2000)			
*175	GENESEQ Patent Database, Accession No. P_B53086 (blast results) (Sep 14, 2000)			
*176	GENESEQ Patent Database, Accession No. P_B55950 (blast results) (Nov 23, 2000)			
*177	GENESEQ Patent Database, Accession No. P_B56015 (blast results) (Nov 23, 2000)			
*178	GENESEQ Patent Database, Accession No. P_W61379 (blast results) (June 11, 1998)			
*179	GENESEQ Patent Database, Accession No. P_W74464 (blast results) (Jan 21, 1999)			
*180	GENESEQ Patent Database, Accession No. P_W75220 (blast results) (Sep 17, 1998)			
*181	GENESEQ Patent Database, Accession No. P_W85457 (blast results) (Oct 1, 1998)			
*182	GENESEQ Patent Database, Accession No. P_Y08060 (blast results) (March 25, 1999)			
Examiner		Date Considered		
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785,220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
*183	GENESEQ Patent Database, Accession No. P_Y08071 (blast results) (March 25, 1999)			
*184	GENESEQ Patent Database, Accession No. P_Y08072 (blast results) (March 25, 1999)			
*185	GENESEQ Patent Database, Accession No. P_Y08074 (blast results) (March 25, 1999)			
*186	GENESEQ Patent Database, Accession No. P_Y13354 (blast results) (March 25, 1999)			
*187	GENESEQ Patent Database, Accession No. P_Y13364 (blast results) (March 25, 1999)			
*188	GENESEQ Patent Database, Accession No. P_Y23321 (blast results) (June 3, 1999)			
*189	GENESEQ Patent Database, Accession No. P_Y23322 (blast results) (June 3, 1999)			
*190	GENESEQ Patent Database, Accession No. P_Y23324 (blast results) (June 3, 1999)			
*191	GENESEQ Patent Database, Accession No. P_Y23326 (blast results) (June 3, 1999)			
*192	GENESEQ Patent Database, Accession No. P_Y23328 (blast results) (June 3, 1999)			
*193	GENESEQ Patent Database, Accession No. P_Y41691 (blast results) (Sep 16, 1999)			
*194	GENESEQ Patent Database, Accession No. P_Y70668 (blast results) (Mar 23, 2000)			
*195	GENESEQ Patent Database, Accession No. P_Y70670 (blast results) (March 23, 2000)			
*196	GENESEQ Patent Database, Accession No. P_Y76011 (blast results) (Nov 4, 1999)			
*197	GENESEQ Patent Database, Accession No. P_Y76076 (blast results) (Nov 4, 1999)			
*198	GENESEQ Patent Database, Accession No. P_Y95344 (blast results) (June 29, 2000)			
*199	GENESEQ Patent Database, Accession No. P_Y95346 (blast results) (June 29, 2000)			
*200	Heath et al., "The human A33 antigen is a transmembrane glycoprotein and a novel member of the immunoglobulin superfamily" <u>Proc. Natl. Acad. Sci. USA</u> 94(2):469-474 (Jan 21, 1997)			
*201	Hellstrom and Hellstrom., "T Cell Immunity to Tumor Antigens." <u>Critical Reviews in Immunology</u> . 18(1-2):1-6 (1998)			
*202	Hiller et al., "zb18h08.r1 Soares fetal lung NbHL19W Homo sapiens cDNA clone 302463 5'" (DATABASE EMBL - EMEST13 Accession No. W17367) (May 4, 1996)			
Examiner		Date Considered		
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>				

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1216R1C1D4	Serial No. 10/785,220
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.		
		Filing Date 24 Feb 2004	Group	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
*203	Hiller et al., "zd74g06.r1 Soares fetal heart NbHH19W Homo sapiens cDNA clone 346426 5'" (DATABASE EMBL - EMEST14 Accession No. W79882) (Jun 27, 1996)			
*204	"Isolation of Mouse Mononuclear Cells" <u>Current Protocols in Immunology</u> , Coligan et al. eds., John Wiley & Sons, Inc. Vol. 1:unit 3.1.2 (1993)			
*205	Jenkins, M., "The Ups and Downs of T Cell Costimulation." <u>Immunity</u> . 1(6):443-446 (Sep 1994)			
*206	June et al., "The B7 and CD28 Receptor Families." <u>Immunology Today</u> . 15(7):321-331 (Jul 1994)			
*207	Kwon et al., "Manipulation of T Cell Costimulatory and Inhibitory Signals for Immunotherapy of Prostate Cancer." <u>Proc. Natl. Acad. Sci. USA</u> 94(15):8099-8103 (Jul 22, 1997)			
*208	Linsley and Ledbetter., "The Role of the CD28 Receptor During T Cell Responses to Antigen." <u>Annu. Rev. Immunol.</u> 11:191-212 (1993)			
*209	Lynch et al., "Flt3 Ligand Induces Tumor Regression and Antitumor Immune Responses In Vivo." <u>Nature Medicine</u> . 3(6):625-631 (Jun 1997)			
*210	Martin-Padura et al., "Junctional adhesion molecule, a novel member of the immunoglobulin superfamily that distributes at intercellular junctions and modulates monocyte transmigration" <u>Journal of Cell Biology</u> 142(1):117-127 (Jul 13, 1998)			
*211	Melero et al., "Monoclonal Antibodies Against the 4-1BB T-cell Activation Molecule Eradicate Established Tumors." <u>Nature Medicine</u> . 3(6):682-685 (Jun 1997)			
*212	Monks et al., "Feasibility of a High-Flux Anticancer Drug Screen Using a Diverse Panel of Cultured Human Tumor Cell Lines" <u>J. Natl. Cancer Institute</u> 83(11):757-766 (Jun 5, 1991)			
*213	REFSEQ Database, Accession No. NM_016946 (blast results) (1999)			
*214	REFSEQ Database, Accession No. NM_021219 (blast results) (2000)			
*215	Schwartz, R., "Costimulation of T Lymphocytes: The Role of CD28, CTLA-4, and B7/BB1 in Interleukin-2 Production and Immunotherapy." <u>Cell</u> . 71(7):1065-1068 (Dec 24, 1992)			
*216	Skehan et al., "New Colorimetric Cytotoxicity Assay for Anticancer-Drug Screening" <u>J. Natl. Cancer Institute</u> 82(13):1107-1112 (Jul 4, 1990)			
*217	Swissprot (SPROT) Database, Accession No. P57087, "VEJA_HUMAN Vascular endothelial junction-associated molecule precursor - Homo sapiens" (blast results) (2000)			
*218	Swissprot (SPROT) Database, Accession No. Q9Y624, "JAM1_HUMAN Junctional adhesion molecule precursor - homo sapiens" (blast results) (1999)			
*219	Walunas et al., "CTLA-4 Can Function as a Negative Regulator of T Cell Activation." <u>Immunity</u> . 1(5):405-413 (Aug 1994)			
*220	Welt et al., "Phase I/II study of iodine 131-labeled monoclonal antibody A33 in patients with advanced colon cancer" <u>Journal of Clinical Oncology</u> 12(8):1561-1571 (Aug 1994)			
*221	Welt et al., "Quantitative analysis of antibody localization in human metastatic colon cancer: a phase I study of monoclonal antibody A33" <u>Journal of Clinical Oncology</u> 8(11):1894-1906 (Nov 1990)			
Examiner		Date Considered		
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>				